

06-01-01

PATENT

## UTILITY PATENT APPLICATION TRANSMITTAL

(only for new non-provisional applications under 37 CFR §1.53(b))

10/13/50  
09/871564  
PTO  
JCS97 U.S. 8656

Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231  
Sir:

Transmitted herewith for filing is the patent application  
under 37 CFR 1.53(b) of:

AVENTIS DOCKET NO.: CA2295US NP  
INVENTORS: Alan J. Collis et al  
TITLE: HETEROARYL-CYCLIC ACETALS

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
Express Mail in an envelope addressed to  
Commissioner for Patents, Washington, D.C. 20231,  
on

Date of Deposit May 31, 2001

Signature Basim Adin

Express Mail No. EL 816575931 US

## APPLICATION ELEMENTS

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

Total Pages

3. ☐ Drawing(s) (35 U.S.C. 113)

Total Sheets

4. Oath or Declaration

Total Pages

- a. ☒ Newly unexecuted

- b. ☐ Copy from a prior application (37 CFR § 1.63(d))  
(for continuation/divisional with Box 16 completed)

- i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior  
application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

11047 U.S. PTO  
05/31/01

09871564-053101

☒ **If a CONTINUING Application, check appropriate box, and supply the requisite information:**

☒ Continuation ☐ Divisional ☐ Continuation-in-part  
of prior application no: PCT /GB99/04283, filed December 16, 1999,  
Examiner \_\_\_\_\_, Group/Art Unit \_\_\_\_\_.  
(The cross reference has been/will be inserted on page one of the specification).

☒ This application claims the benefit of GB Application No. 9827721.3, filed  
December 16, 1998, and U.S. Provisional Application No. 60/122,425,  
filed March 2, 1999. (The cross reference has been/will be inserted on page one of the specification).

☐ **Incorporation By Reference** (useable if filing a continuation/divisional and a copy of the declaration from the prior  
application is enclosed.)

The entire disclosure of the prior application, from which a copy of the oath or declaration is  
supplied, is considered as being part of the disclosure of the accompanying application and is  
hereby incorporated by reference therein.

#### ACCOMPANYING APPLICATION PARTS

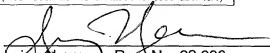
7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application,  
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☒ Other: EFS Print

#### CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

005487

(Insert Customer No. or Attach bar code label here)

  
Irving Newman, Reg. No. 22,638  
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Aventis Docket No. CA2295US NP

# FEE TRANSMITTAL

## for FY 2001

Patent fees are subject to annual revision.

### Complete if Known

TOTAL AMOUNT OF PAYMENT (\$ 710

Application Number TBD  
 Filing Date Concurrently herewith  
 First Named Inventor Alan J. Collis et al  
 Examiner Name TBD  
 Group / Art Unit TBD  
 Attorney Docket No. CA2295US NP

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 18-1982

Deposit Account Name Aventis Pharmaceuticals Products Inc.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27.

2. ☐ Payment Enclosed:  
☐ Check ☐ Credit Card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	400	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$710

#### 2. EXTRA CLAIM FEES

Total Claims	20	-20**=	0	x	Fee from below	Fee Paid
Independent Claims	2	-3**=	0	x		0
Multiple Dependent Claims						0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

SUBTOTAL (3) (\$

### SUBMITTED BY

Name (Print/Type) Irving Newman, Reg. No. 22,638

Registration No. (Attorney/Agent)

22,638

### Complete (if applicable)

Telephone (908) 231-2785

Signature

Date

5/30/01

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.